

FIG. 1

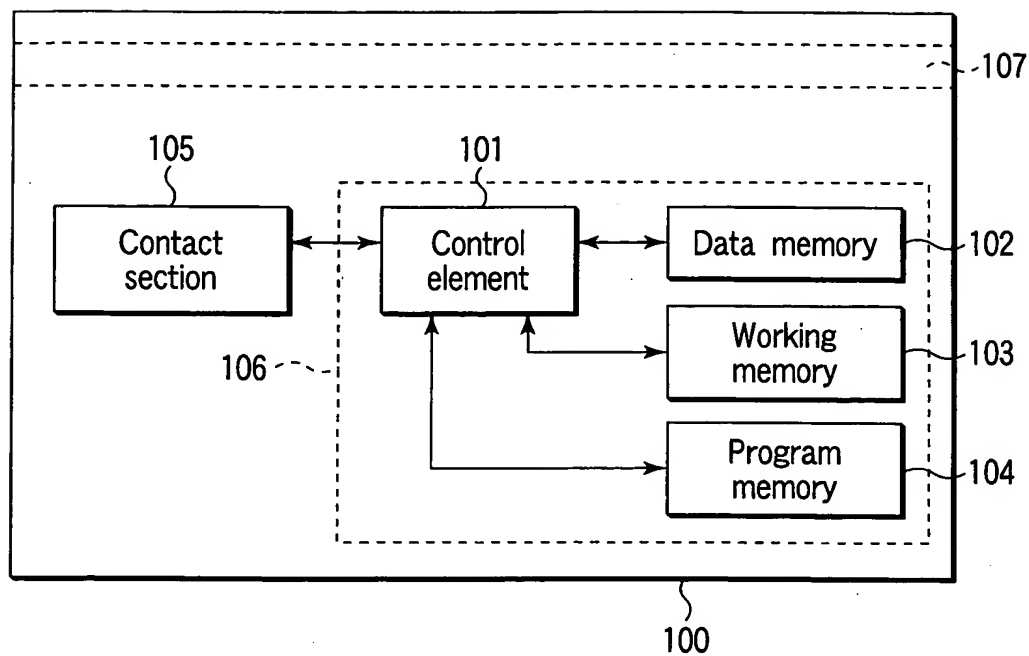


FIG. 2

FIG. 2

F11

Record #	Item 1 : (Print data) Name (Chinese character)	Item 2 : (Print data) Membership number (ID)	Item 3 : (IC command data) Membership number (ID)
Record #1	UG1=Tanaka taro	UG2=000007	IC1=Write Address #1 000007
Record #2	UG1=Suzuki jiro	UG2=000014	IC1=Write Address #1 000014
:	:	:	:
Record #13	UG1=Hayashi saburo	UG2=000157	IC1=Write Address #1 000157
Record #14	UG1=Matsumoto shiro	UG2=000004	IC1=Write Address #1 000004
:	:	:	:
Record #21	UG1=Nakamura goro	UG2=002004	IC1=Write Address #1 002004

Item 4 : (IC command data) Validity	Item 5 : (IC command data) Password	Item 6 : (IC command data) Key 1
IC2=Write Address #2 2000.09	IC3=Set Key 737c545a87	IC4=Set Key 93 24. . d8 88 AB
IC2=Write Address #2 2001.10	IC3=Set Key 4787ea7184	IC4=Set Key d0 93. . b2 cb 46
:	:	:
IC2=Write Address #2 2005.08	IC3=Set Key c8d7eb567f	IC4=Set Key 82 6a. . eb 0b 87
IC2=Write Address #2 2002.07	IC3=Set Key 8181fc35d8	IC4=Set Key 49 83. . 6c 44 78
:	:	:
IC2=Write Address #2 2000.12	IC3=Set Key eeaaac5620	IC4=Set Key 35 89. . fb f9 90

FIG. 3

F13
↘

Item 1 : (IC command data) PIN correlation	Item 2 : (IC command data) directory selection	Item 3 : (IC command data) EF selection	Item 4 : (IC command data) Address #1 readout
IC1=Verify PIN	IC2=Select ADF	IC3=Select EF	IC4=Read Record #1

FIG. 4

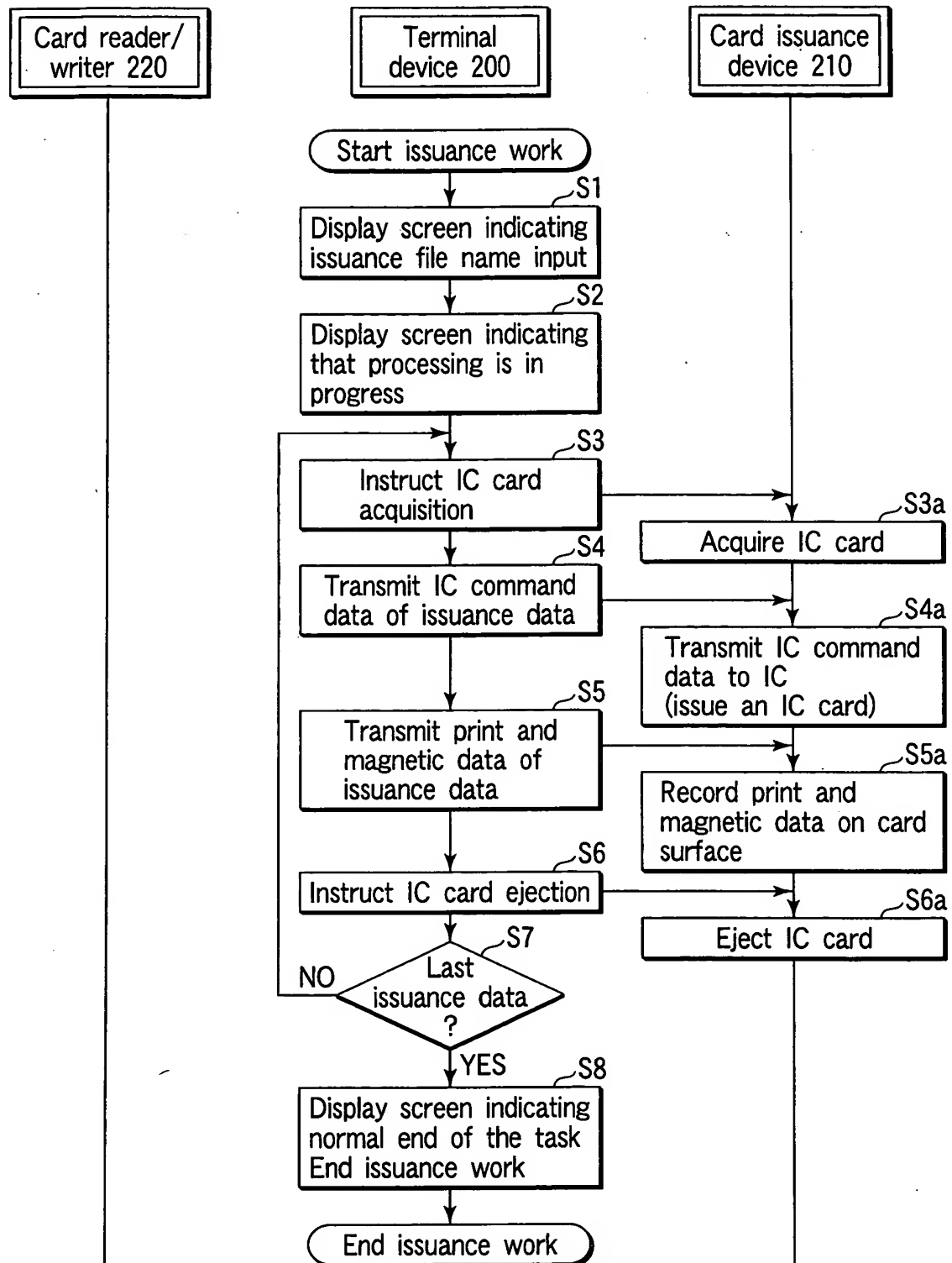


FIG. 5

Enter an issuance file name.

Issuance file name :

P1 ~ ~ P2

E1

FIG. 6

Issuance process is in progress.
Please wait for a while.

FIG. 7

Issuance processing has been normally ended.

~ P3

FIG. 8

☐ Matsumoto chiro
~~~~~

FIG. 9

10015667.121701

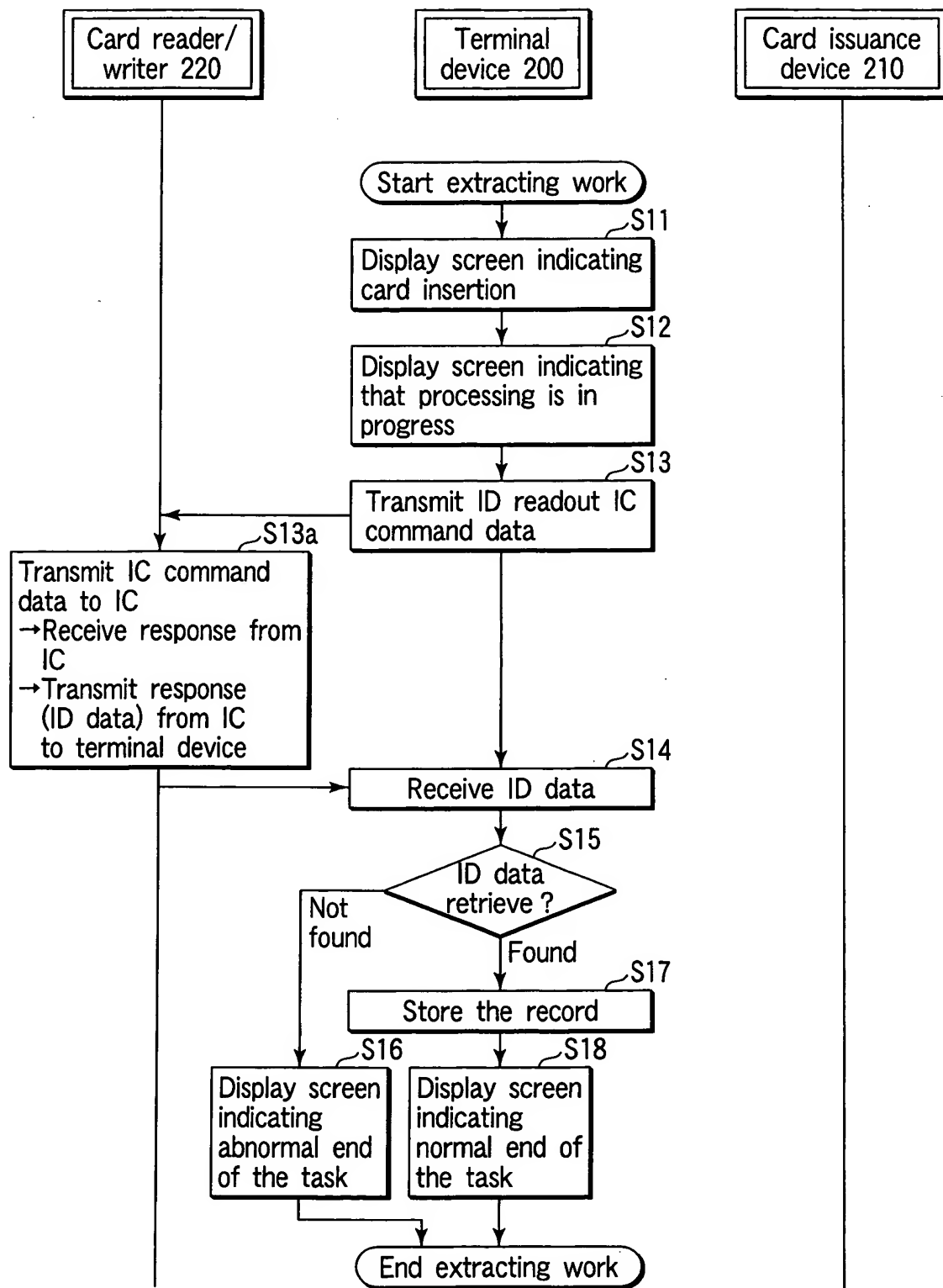


FIG. 10

10015567.12701

Enter an issuance file name of an IC card to be reissued and an ID readout command data file name, and then, insert the IC card to be reissued into a card reader/writer.

Issuance file name :  E2

ID readout command data file name :  E3

P4 ~   ~ P5

FIG. 11

Processing is in progress.  
Please wait for a while.

FIG. 12

Issuance file output of data of card to be reissued has been normally ended.

~ P6

FIG. 13

10015565/121/01



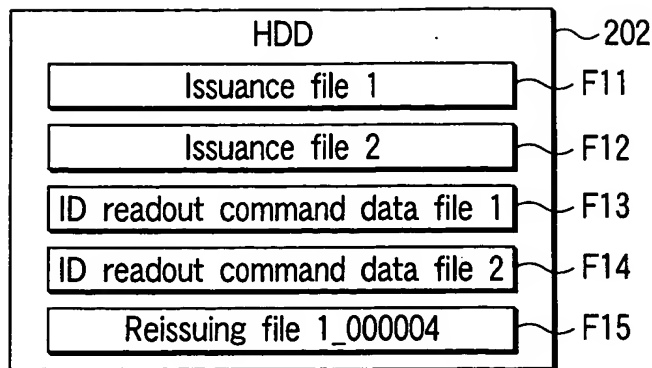


FIG. 14

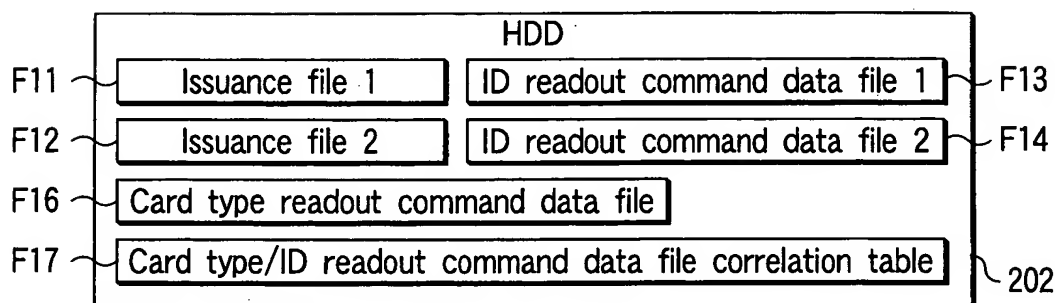


FIG. 15

F16

|                                          |                                               |
|------------------------------------------|-----------------------------------------------|
| Item 1 (IC command data)<br>EF selection | Item 2 (IC command data)<br>Card type readout |
| IC1=Select EF                            | IC2=Read card type                            |

FIG. 16

F17

| Card type information | ID readout command data file name |
|-----------------------|-----------------------------------|
| 010                   | ID readout command data file 1    |
| 020                   | ID readout command data file 2    |

FIG. 17

10015567 121701

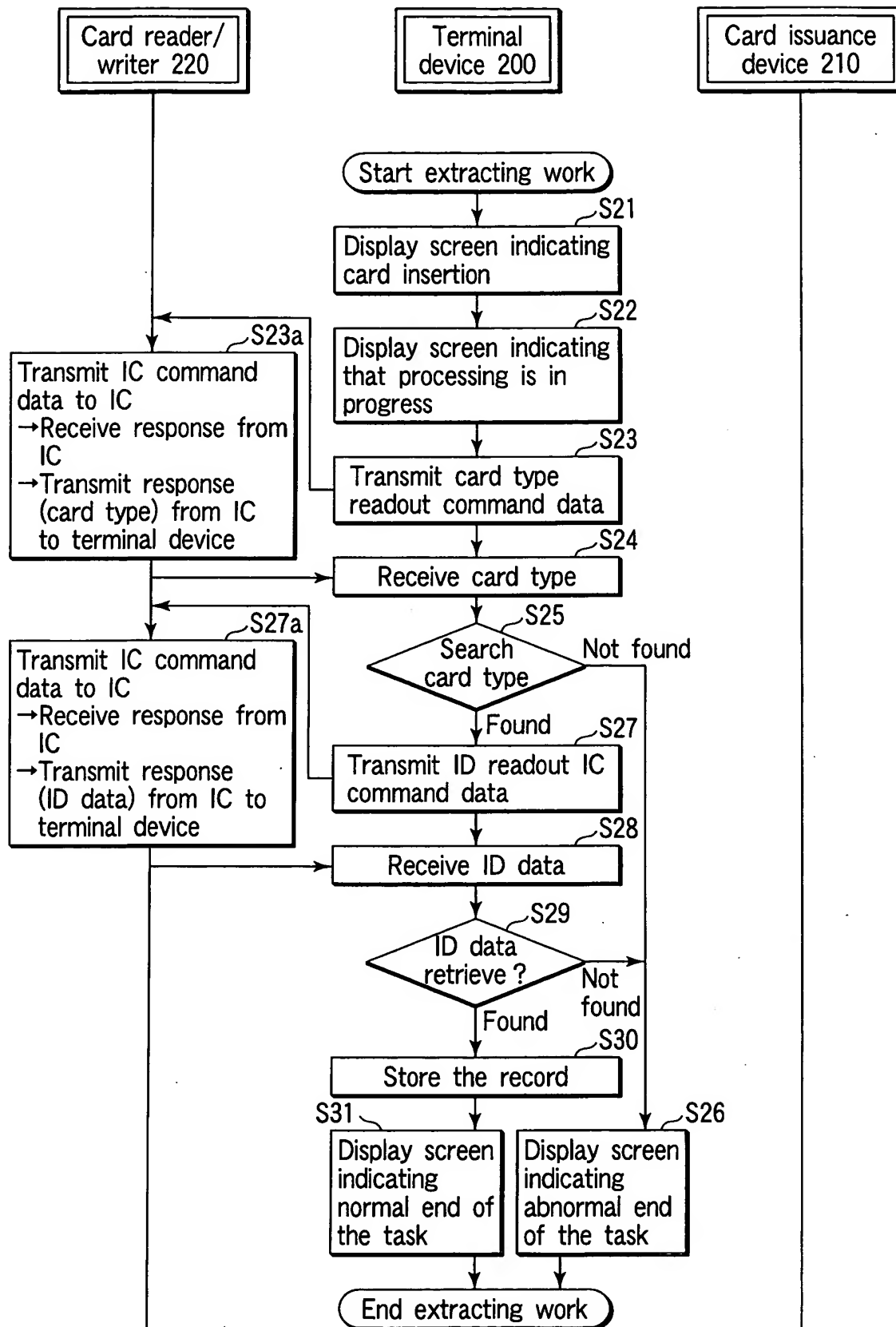


FIG. 18

Enter an issuance file name of an IC card to be reissued, and then, insert the IC card to be reissued into a card reader/writer.

Issuance file name :

P7 ~   ~ P8

E4

FIG. 19

10015567.121/01



|            | Item 1 : (Print data)<br>Name (Chinese character) | Item 2 : (Print data)<br>Membership number (ID) | Item 3 : (IC command data)<br>Membership number (ID) |
|------------|---------------------------------------------------|-------------------------------------------------|------------------------------------------------------|
| Record #1  | UG1= Tanaka taro                                  | UG2=000007                                      | IC1=Write Address #1 000007                          |
| Record #2  | UG1=Suzuki jiro                                   | UG2=000014                                      | IC1=Write Address #1 000014                          |
| :          | :                                                 | :                                               | :                                                    |
| Record #13 | UG1=Hayashi saburo                                | UG2=000157                                      | IC1=Write Address #1 000157                          |
| Record #14 | UG1=Matsumoto shiro                               | UG2=000004                                      | IC1=Write Address #1 000004                          |
| :          | :                                                 | :                                               | :                                                    |
| Record #21 | UG1=Nakamura goro                                 | UG2=002004                                      | IC1=Write Address #1 002004                          |

|  | Item 4 : (IC command data)<br>Validity | Item 5 : (IC command data)<br>Password | Item 6<br>Issuance count |
|--|----------------------------------------|----------------------------------------|--------------------------|
|  | IC2=Write Address #2 2000.09           | IC3=Set Key 737c545a87                 | Num=0                    |
|  | IC2=Write Address #2 2001.10           | IC3=Set Key 4787ea7184                 | Num=0                    |
|  | :                                      | :                                      | :                        |
|  | IC2=Write Address #2 2005.08           | IC3=Set Key c8d7eb567f                 | Num=0                    |
|  | IC2=Write Address #2 2002.07           | IC3=Set Key 8181fc35d8                 | Num=0                    |
|  | :                                      | :                                      | :                        |
|  | IC2=Write Address #2 2000.12           | IC3=Set Key eefaac5620                 | Num=0                    |

FIG. 21

| Record #   | Item 1 : (Print data)<br>Name (Chinese character) | Item 2 : (Print data)<br>Membership number (ID) | Item 3 : (IC command data)<br>Membership number (ID) |
|------------|---------------------------------------------------|-------------------------------------------------|------------------------------------------------------|
| Record #1  | UG1=Tanaka taro                                   | UG2=000007                                      | IC1=Write Address #1 000007                          |
| Record #2  | UG1=Suzuki jiro                                   | UG2=000014                                      | IC1=Write Address #1 000014                          |
| :          | :                                                 | :                                               | :                                                    |
| Record #13 | UG1=Hayashi saburo                                | UG2=000157                                      | IC1=Write Address #1 000157                          |
| Record #14 | UG1=Matsumoto shiro                               | UG2=000004                                      | IC1=Write Address #1 000004                          |
| :          | :                                                 | :                                               | :                                                    |
| Record #21 | UG1=Nakamura goro                                 | UG2=002004                                      | IC1=Write Address #1 002004                          |

| Item 4 : (IC command data)<br>Validity | Item 5 : (IC command data)<br>Password | Item 6<br>Issuance count |
|----------------------------------------|----------------------------------------|--------------------------|
| IC2=Write Address #2 2000.09           | IC3=Set Key 737c545a87                 | Num=1                    |
| IC2=Write Address #2 2001.10           | IC3=Set Key 4787ea7184                 | Num=1                    |
| :                                      | :                                      | :                        |
| IC2=Write Address #2 2005.08           | IC3=Set Key c8d7eb567f                 | Num=1                    |
| IC2=Write Address #2 2002.07           | IC3=Set Key 8181fc35d8                 | Num=3                    |
| :                                      | :                                      | :                        |
| IC2=Write Address #2 2000.12           | IC3=Set Key eefaac5620                 | Num=1                    |

FIG. 22

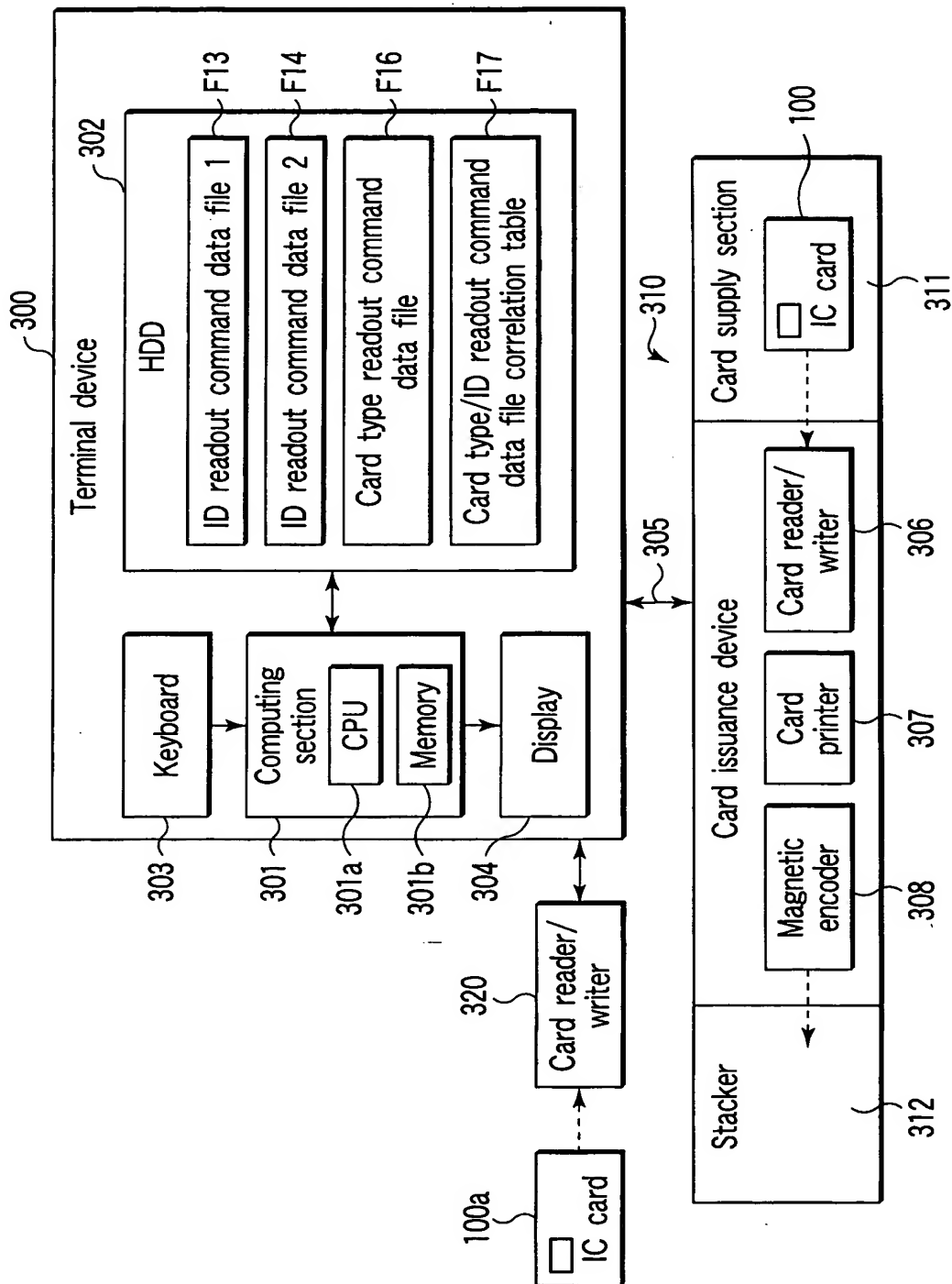


FIG. 23

10015667-121704

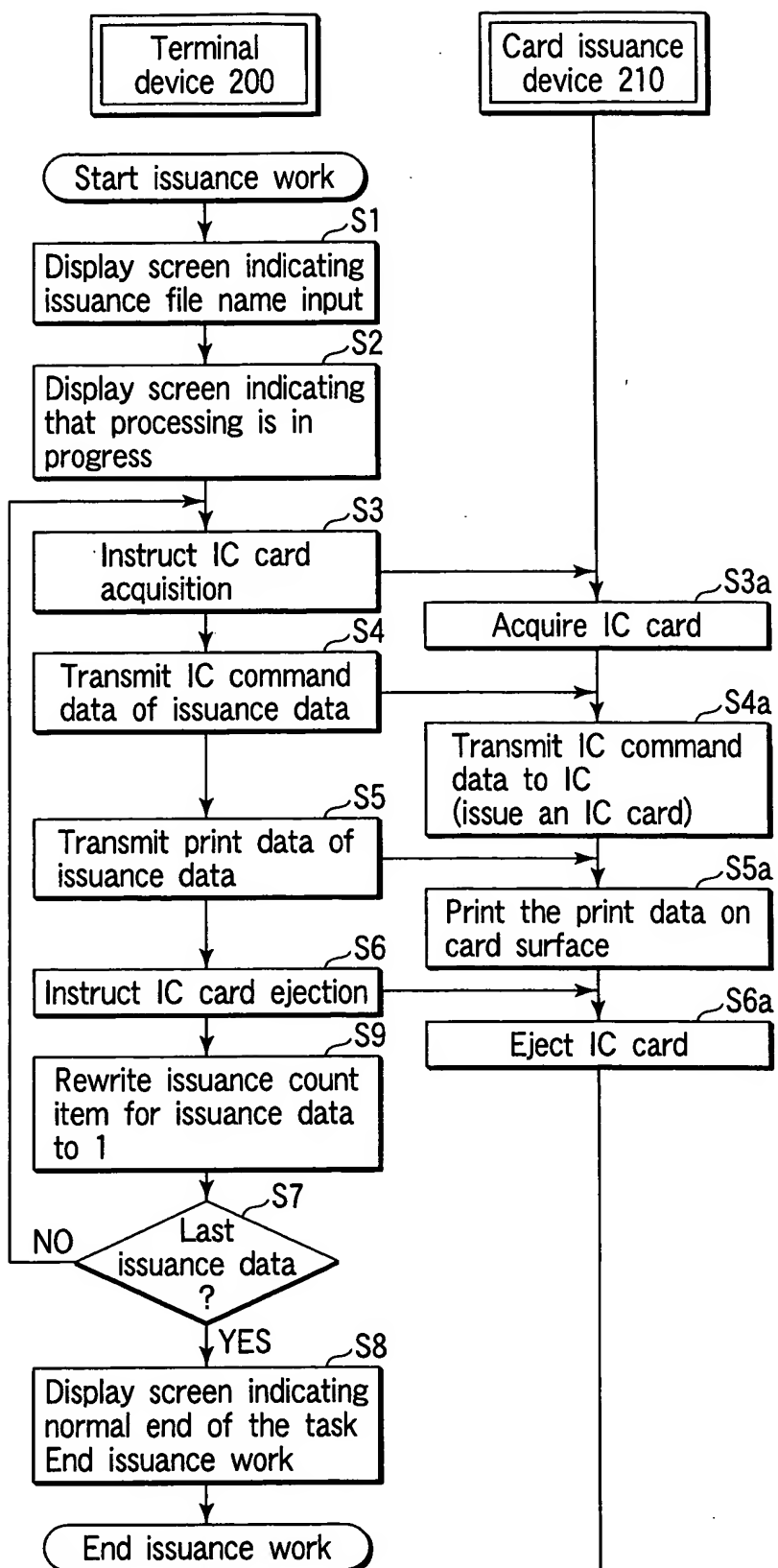


FIG. 24



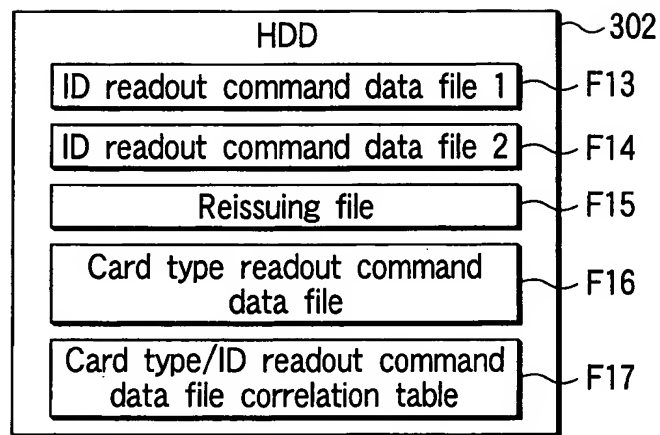


FIG. 25

10015567.121701

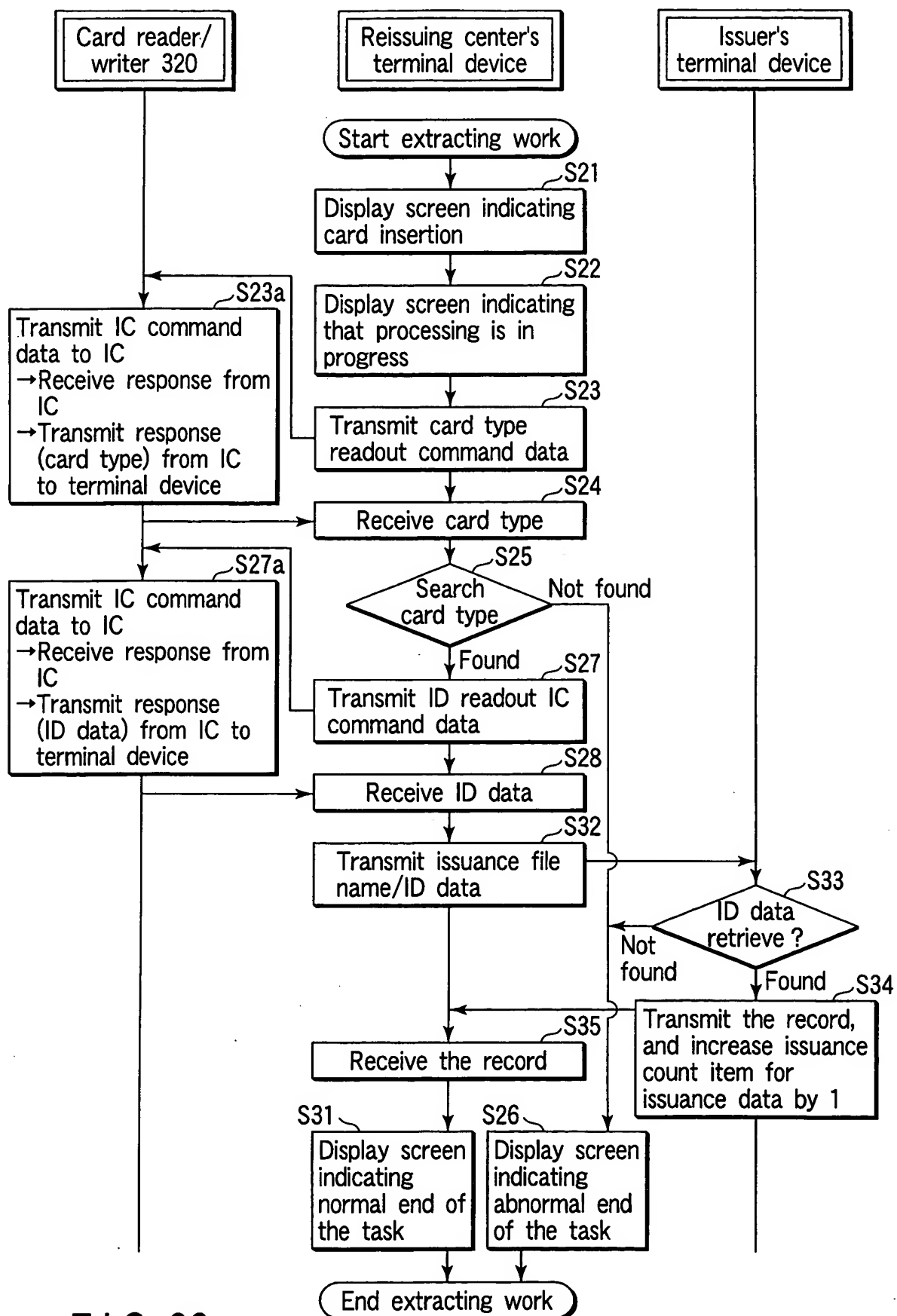


FIG. 26

10015567.121701

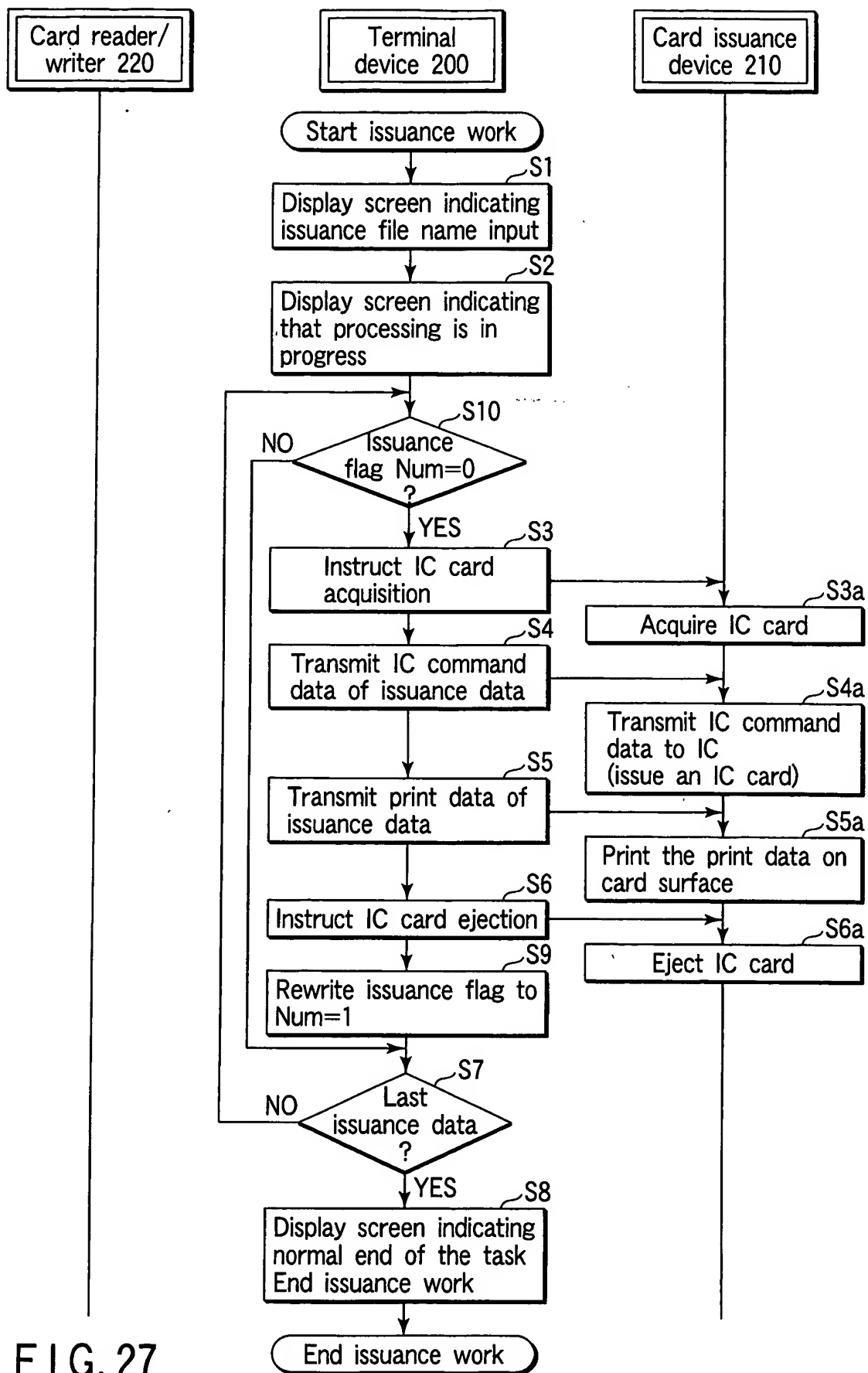


FIG. 27

10015667 121704

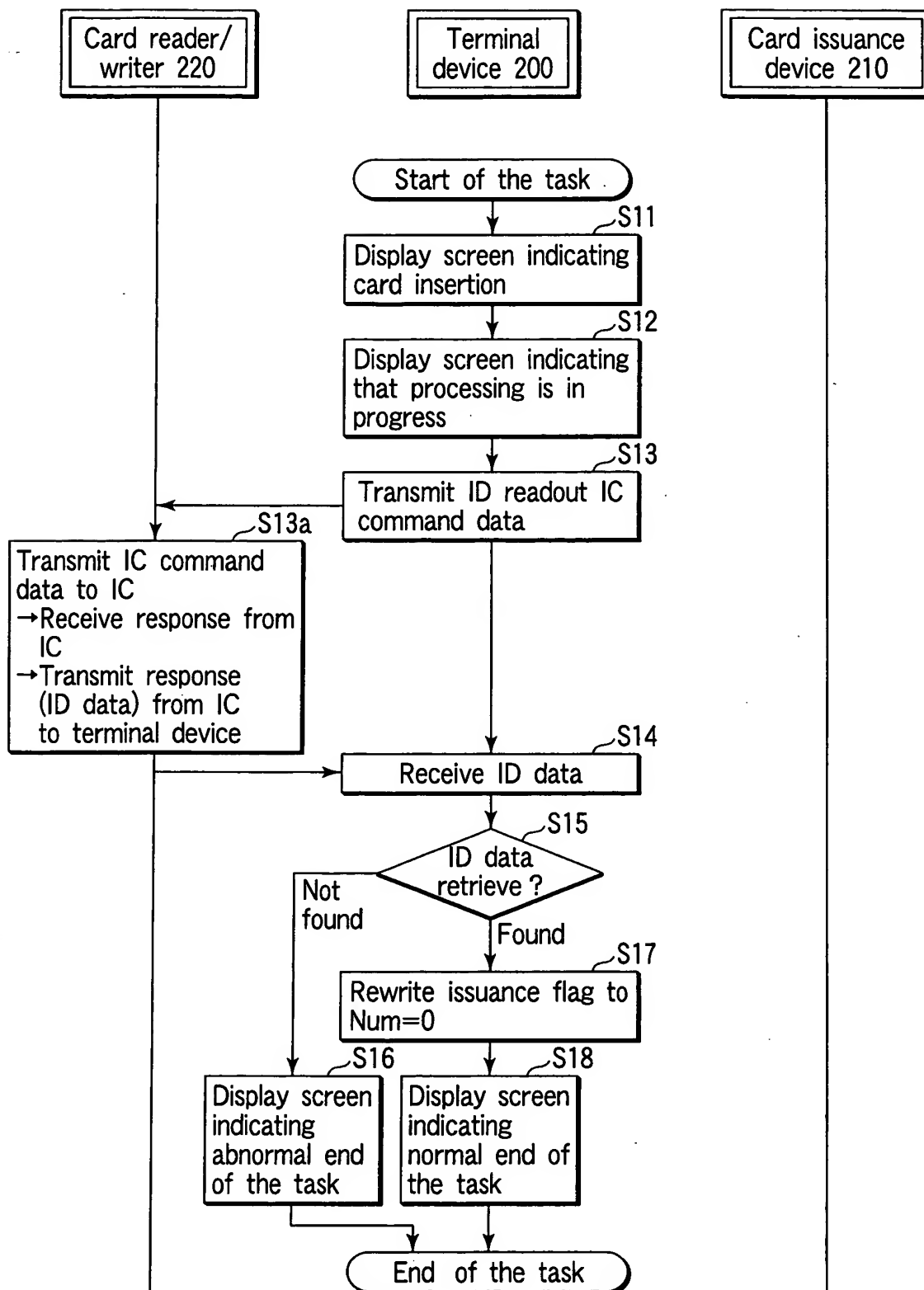


FIG. 28

10015667-124701

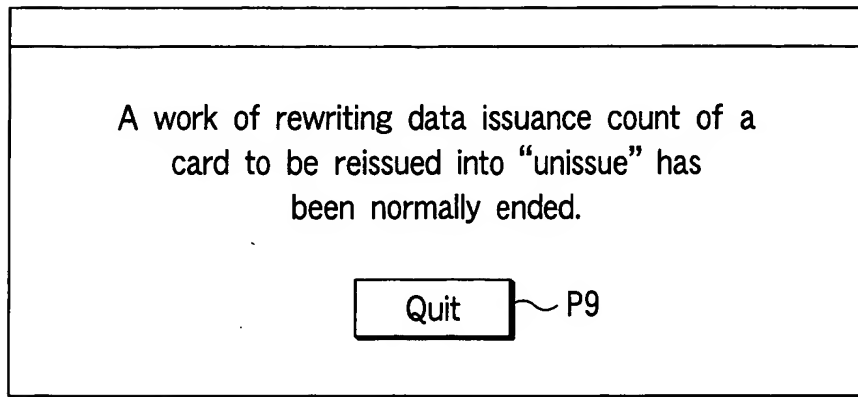


FIG. 29

10015557.121701

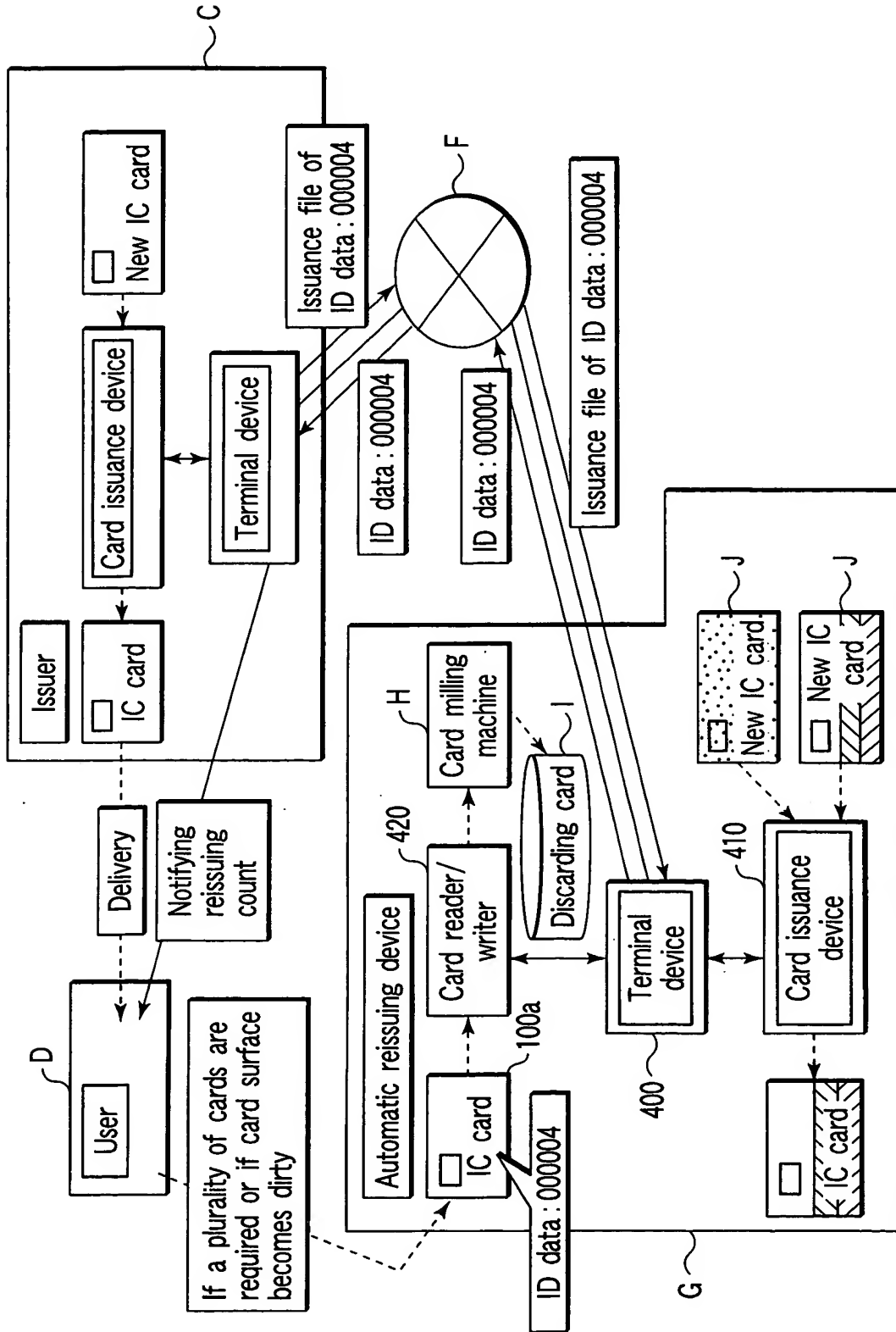


FIG. 30

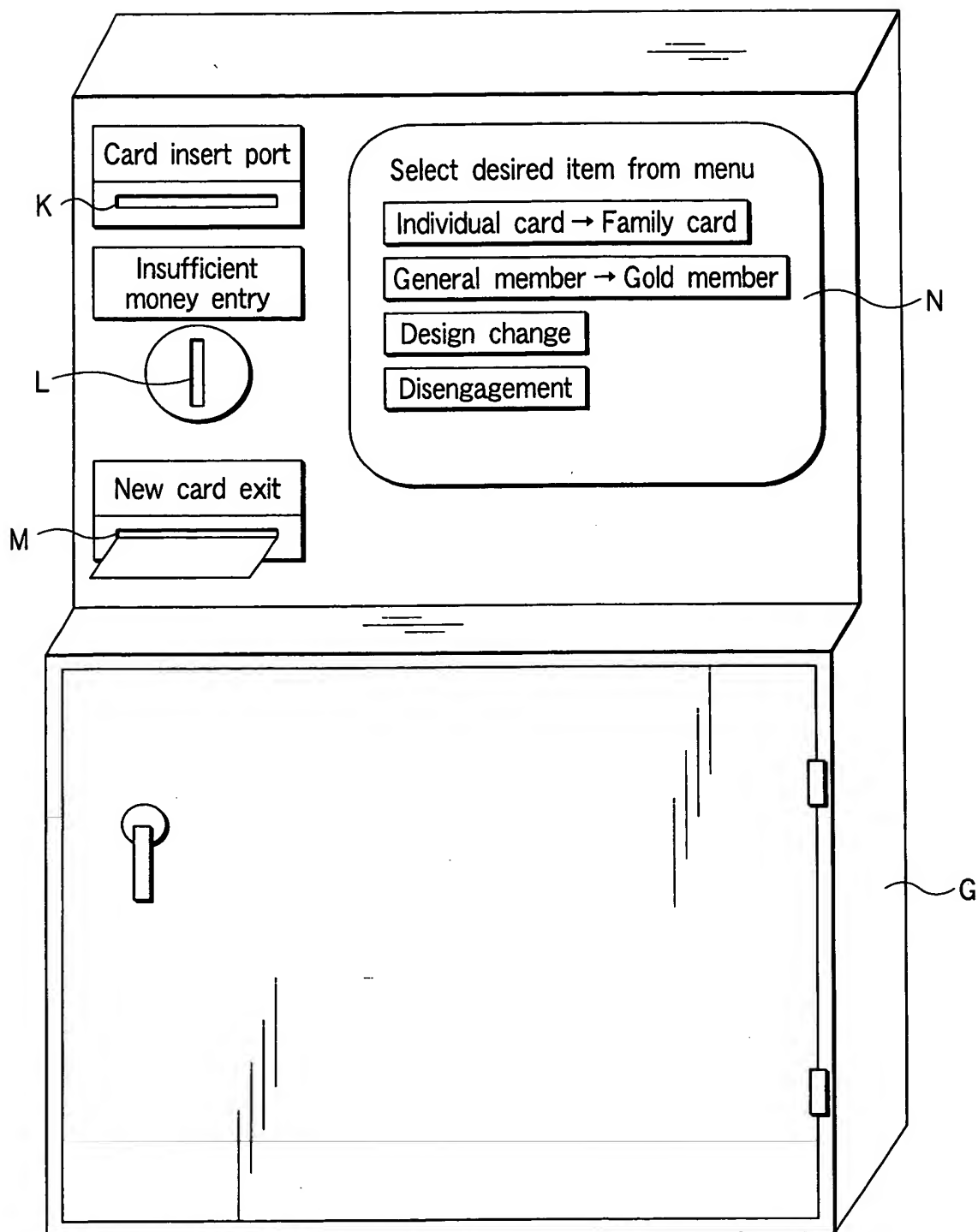


FIG. 31

| Record #   | Item 1: (Print data)<br>Name (Chinese character) | Item 2: (Print data)<br>Membership number (ID) | Item 3: (IC command data)<br>Membership number (ID) |
|------------|--------------------------------------------------|------------------------------------------------|-----------------------------------------------------|
| Record #1  | UG1=Tanaka taro                                  | UG2=000007                                     | IC1=Write Address #1 000007                         |
| Record #2  | UG1=Suzuki jiro                                  | UG2=000014                                     | IC1=Write Address #1 000014                         |
| :          | :                                                | :                                              | :                                                   |
| Record #13 | UG1=Hayashi saburo                               | UG2=000157                                     | IC1=Write Address #1 000157                         |
| Record #14 | UG1=Matsumoto shiro                              | UG2=000004                                     | IC1=Write Address #1 000004                         |
| :          | :                                                | :                                              | :                                                   |
| Record #21 | UG1=Nakamura goro                                | UG2=002004                                     | IC1=Write Address #1 002004                         |

| Item 4: (IC command data)<br>Validity | Item 5: (IC command data)<br>Password | Item 6<br>Issuance count | Item 7:<br>Card type/state |
|---------------------------------------|---------------------------------------|--------------------------|----------------------------|
| IC2=Write Address #2 2000.09          | IC3=Set Key 737c545a87                | Num=0                    | Individual/General         |
| IC2=Write Address #2 2001.10          | IC3=Set Key 4787ea7184                | Num=0                    | Individual/General         |
| :                                     | :                                     | :                        | :                          |
| IC2=Write Address #2 2005.08          | IC3=Set Key c8d7eb567f                | Num=0                    | Individual/General         |
| IC2=Write Address #2 2002.07          | IC3=Set Key 8181fc35d8                | Num=0                    | Individual/General         |
| :                                     | :                                     | :                        | :                          |
| IC2=Write Address #2 2000.12          | IC3=Set Key eefaac5620                | Num=0                    | Individual/General         |

FIG. 32



| Item 1 : (Print data)<br>Name (Chinese character) | Item 2 : (Print data)<br>Membership number (ID) | Item 3 : (IC command data)<br>Membership number (ID) |
|---------------------------------------------------|-------------------------------------------------|------------------------------------------------------|
| Record #1<br>UG1=Tanaka taro                      | UG2=000007                                      | IC1=Write Address #1 000007                          |
| Record #2<br>UG1=Suzuki jiro                      | UG2=000014                                      | IC1=Write Address #1 000014                          |
| ⋮                                                 | ⋮                                               | ⋮                                                    |
| Record #13<br>UG1=Hayashi saburo                  | UG2=000157                                      | IC1=Write Address #1 000157                          |
| Record #14<br>UG1=Matsumoto shiro                 | UG2=000004                                      | IC1=Write Address #1 000004                          |
| ⋮                                                 | ⋮                                               | ⋮                                                    |
| Record #21<br>UG1=Nakamura goro                   | UG2=002004                                      | IC1=Write Address #1 002004                          |

| Item 4 : (IC command data)<br>Validity | Item 5 : (IC command data)<br>Password | Item 6<br>Issuance count | Item 7 :<br>Card type/state |
|----------------------------------------|----------------------------------------|--------------------------|-----------------------------|
| IC2=Write Address #2 2000.09           | IC3=Set Key 737c545a87                 | Num=1                    | Individual/General          |
| IC2=Write Address #2 2001.10           | IC3=Set Key 4787ea7184                 | Num=2                    | Individual/Gold             |
| ⋮                                      | ⋮                                      | ⋮                        | ⋮                           |
| IC2=Write Address #2 2005.08           | IC3=Set Key c8d7eb567f                 | Num=1                    | Individual/General          |
| IC2=Write Address #2 2002.07           | IC3=Set Key 8181fc35d8                 | Num=3                    | Family 2/General            |
| ⋮                                      | ⋮                                      | ⋮                        | ⋮                           |
| IC2=Write Address #2 2000.12           | IC3=Set Key eefaac5620                 | Num=1                    | Disengagement               |

FIG. 33

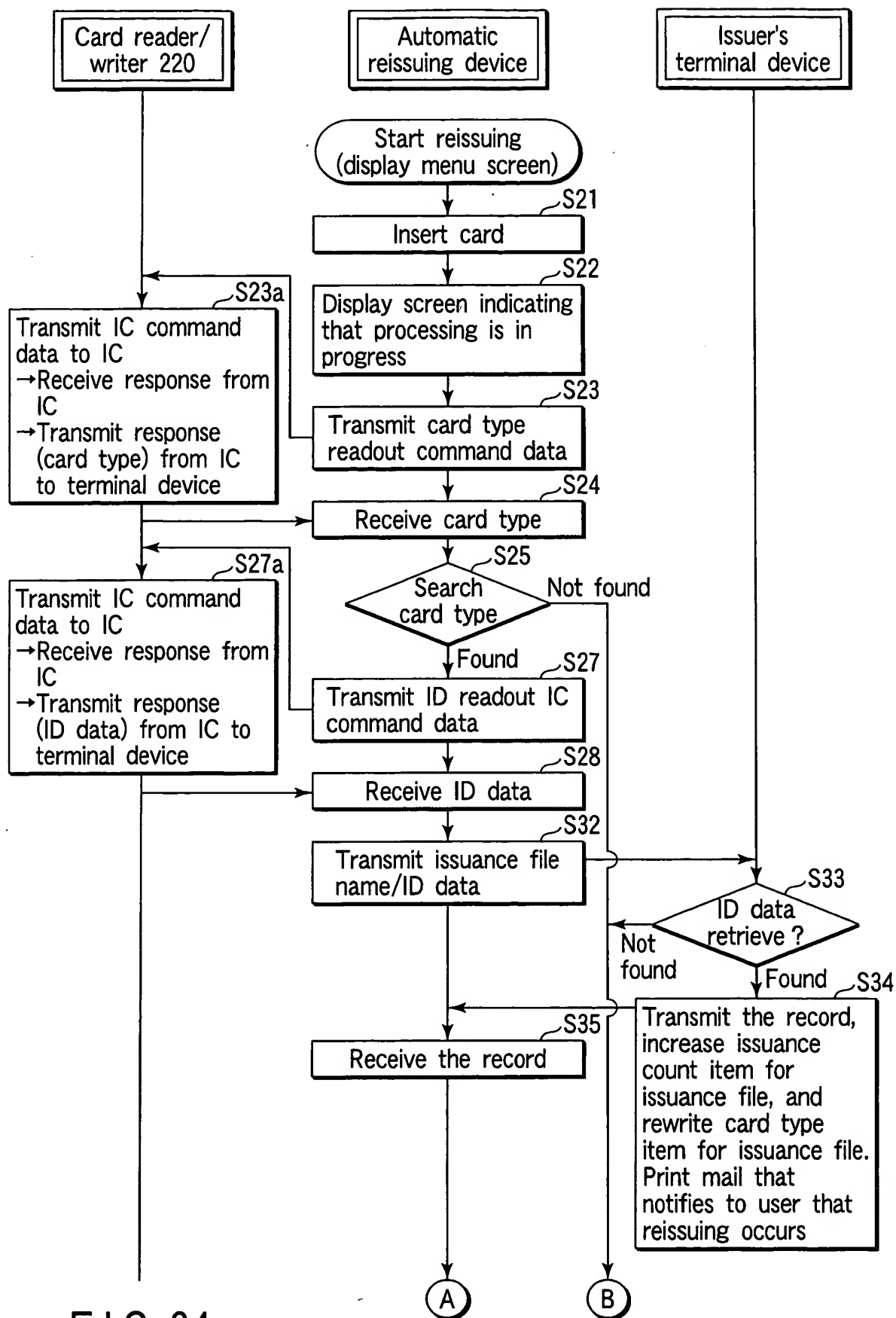


FIG. 34

10035667 121701

Automatic  
reissuing device

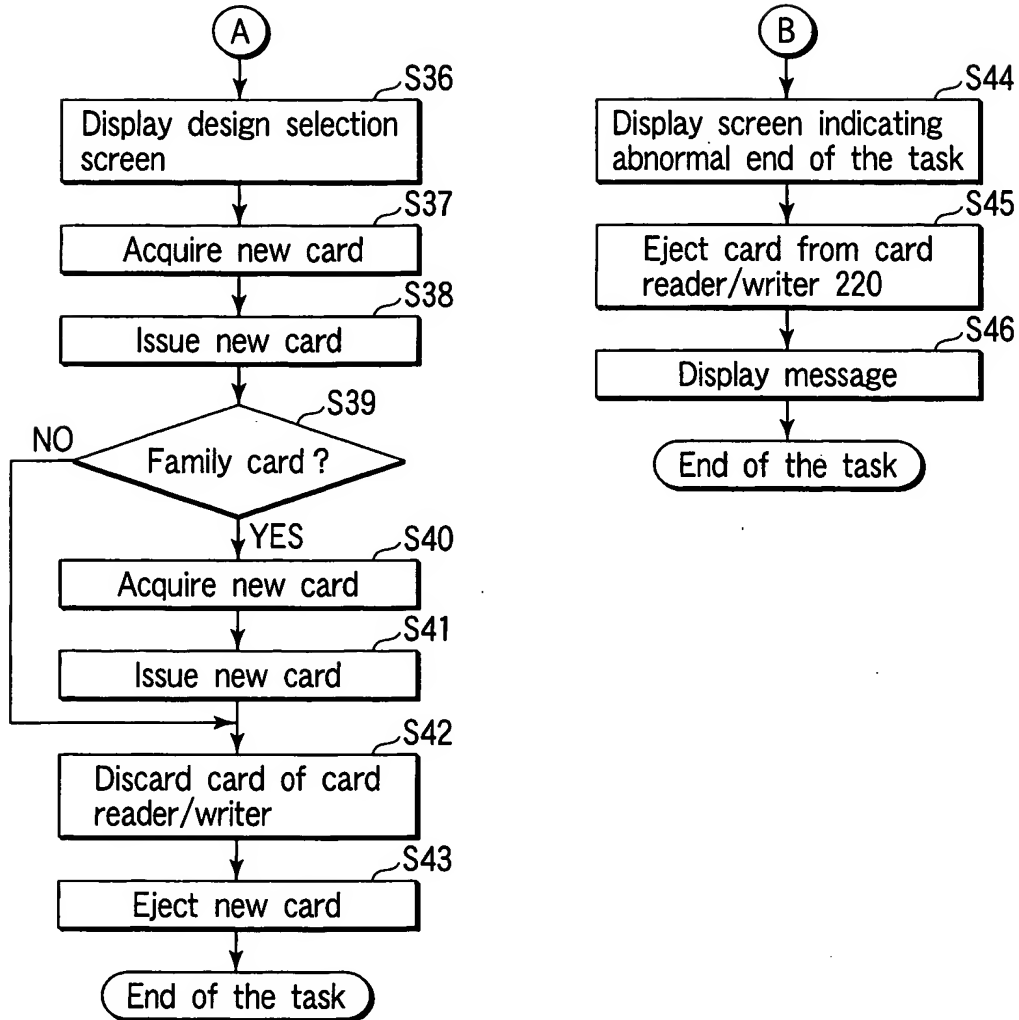


FIG. 35

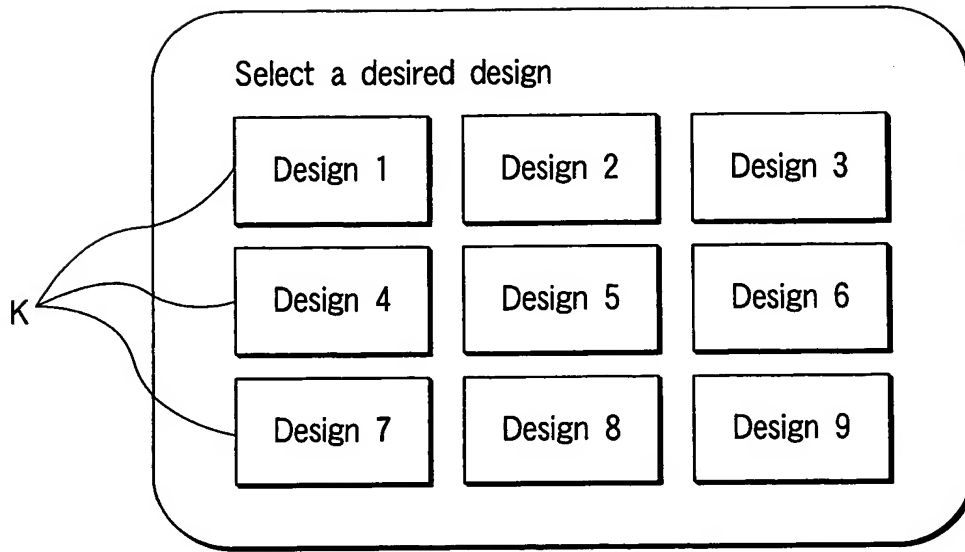


FIG. 36

FIG. 36